PRESTIGE 12S

⚠ WARNING

This pamphlet is an integral part of the Mares regulator user's manual and should be stored with it.

CE CERTIFICATION

The Mares regulators described in this manual have been tested and certified by Registered Test Centre No. 0426 - Italcert - Viale Sarca 336, Milan - I, in compliance with EC directive 89/686/EEC of 21 December 1989. The test procedures were conducted according to the EN 250: 2000 standard, in conformance with the aforesaid directive, which sets out the conditions for marketing and essential safety requirements for Category III Personal Protective Equipment (PPE).
The certification testing results are as follows:

Model	Warm water (Temp. = > 10°C (50°F))	Cold waters (Temp. < 10°C (50°F))	Marking	Position
Prestige 12S	approved	approved	CE 0426	on the first stage

The CE markings indicate that the product is compliant with the essential health and safety requirements (Att. (DE 89/686/EEC Annex II). The suffix 0426 after the letters "CE" indicates the Italcert Registered Test Center in charge of monitoring the production under Art. 11B DE 89/686/EEC.

MR12S^{T} FIRST STAGE

The Prestige 12S is equipped with the new MR12S^{T} first stage.
New first stage, with a nickel- and chrome-plated brass body, stands out from previous versions because of its size and its lower weight. This was made possible thanks to innovative technical solutions that still maintain the same internal components. Diaphragm technology with the DFC system and replaceable high-pressure seat connector. The high-pressure valve, manufactured in "tri-materials" allows for improved durability and security. These advances have made it possible to include conical filters with better filtering power in both the INT and the DIN versions. It features a preferential intermediate-pressure DFC port for the main second stage hose, as well as three other LP service ports and two ports for high pressure. All ports have been rearranged in order to offer better positions for the hoses and the transmitting unit for integrated dive computers.

PRESTIGE SECOND STAGE

The most advanced medium-sized, high-performance, technopolymer second stage available on the market.
The integrated VAD system provides unbeatable performance that greatly exceeds the limits required for EC certification.
Unique, revolutionary design. The oversized polyurethane purge button is extremely easy to use, even while wearing thick neoprene gloves. The "mesh grid" system minimizes the likelihood of free-flow in strong currents. The newly designed exhaust tee, with its streamlined shape, affords superior performance while directing air bubbles further away from the face.

Technical characteristics	FIRST STAGE
	MR12ST
Operation	- Balanced diaphragm design - DFC system - "Tri-material" Valve
Materials	
Metal parts	- Nickel- and chrome-plated brass - Stainless steel
Non-metal parts	- High impact technopolymers
Seals and membranes	- Nitryl rubbers - Silicone rubbers
Capacity (pressure 180 bar)	- 4800 l/min
Intermediate pressure	
Inlet pressure 200 bar	- from 9.8 to 10.2 bar
Inlet pressure 30 bar	- from 9.8 to 10.2 bar
First stage ports	
High pressure	- 2 7/16" UNF
DFC	- 1 3/8" UNF (primary)
Intermediate pressure	- 3 3/8" UNF
Weight	
INT	- 674 g
DIN	- 574 g

Technical characteristics	SECOND STAGE
	PRESTIGE
Operation	- VAD system - Mesh Grid cover
Materials	
Metal parts	- Nickel-plated, chrome-plated brass - Stainless steel
Non-metal parts	- High impact technopolymers
Seals and membranes	- Nitryl rubbers - Silicone rubbers
Capacity (pressure 180 bar)	- 2300 l/min
Hose Type	
Standard	- Super soft 3/8"
Hose length	
Standard	- 80 cm
Weight	- 205 g

cod. 462009I5 - printed by ME.CA - 0.000 - Rev B - 09/11 - Artbook 7216/11

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